



29 August 1996

Mr. Dan Kopcow
Foster-Wheeler Environmental Corporation
2300 Lincoln Highway East
One Oxford Valley, Suite 200
Langhorne, Pennsylvania 19047-1829

Re: Shop Drawing Review, Low-Profile Air Stripper Control Panel
NAWC Trenton, New Jersey

Dear Mr. Kopcow:

Based on a review of the shop drawings provided by BISCO Environmental for the Low-Profile Air Stripper Control Panel (Firetrol, Inc. Duplex Pump Controller), EA Engineering recommends that the panel be approved with comments noted as follows:

- Name plates for the HOA switches, push-button and pilot lights shall be engraved phenolic and shall be screwed to the cover of the control panel.
- Specification paragraph 2.9 Instrumentation and Controls requires an interlock for concurrent operation of the air stripper blower (B-401) and the transfer pump (P-401) (i.e., the blower has to be on for the transfer pump to operate). This interlock does not appear to be indicated on the control wiring diagram (i.e., the pump and blower appear to be able to operate independently, so long as the individual permissives for each device are satisfied).

EA Engineering suggests that the relay 1CR (high-low pressure from PS-401) be used in some manner as an operating permissive for P-401.

- For record purposes, modify the title blocks to indicate "Air Stripper System Controller", rather than the "Duplex Pump Controller".

Should FWENC or the subcontractor have a concern in reference to the above comments, or if EA Engineering has misunderstood the intent of the subcontractor's drawings, verbal confirmation of the change should be made before proceeding with panel construction. In addition, shop drawings should be resubmitted with the modifications included for record purposes.

If you have any questions or concerns related to these comments, please contact Mr. Jerry Jurick (Design Manager) from EA Engineering's Loveton, Maryland office at (410) 771-4950 or myself at (908) 665-2440.

Sincerely,

A handwritten signature in cursive script, reading 'Michelle Y. Ronco'.
Michelle Y. Ronco
Project Engineer

MYR

cc: E. Boyle, Northern Division
P. Briegel, Northern Division
L. Frey, EA
J. Jurick, EA